

Message Text

UNCLASSIFIED

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ACTION OES-07

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PASS COMMERCE, NMFS/BLONDIN

E.O. 11652: N/A
TAGS: EFIS, NO
SUBJECT: NORWEGIAN RESEARCH ON CHOLESTEROL IN SALMON

1. A PRESS RELEASE IN DANSK FISKERI TIDENDE DATED
AUGUST 25, 1977 DISCUSSED A PROJECT INVOLVING RE-
SEARCH ON CHOLESTEROL IN SALMON. A NORWEGIAN
RESEARCH TEAM (NOT IDENTIFIED) HAS FOUND THAT THE
SALMON, SALMO SALAR, PRODUCES THE SAME TYPE CHOLESTEROL
AS HUMANS, AND IN THE SPRING, PRIOR TO SPAWNING, THE
SALMON IS SATURATED WITH THIS FATTY SUBSTANCE.
HOWEVER, WHEN THE SALMON BEGINS ITS SPAWNING MIGRA-
TION IT PRODUCES AN ENZYME WHICH BREAKS DOWN THE
CHOLESTEROL AND PROVIDES THE BURST OF ENERGY NECES-
SARY FOR THE SALMON TO REACH ITS SPAWNINGGROUNDS.

2. IT IS THIS ENZYME THAT THE NORWEGIAN TEAM IS
TRYING TO IDENTIFY. IF THEY ARE SUCCESSFUL IT
IS EXPECTED THAT EXPERIMENTS WITH THE ENZYME WILL
BE CONDUCTED ON HUMANS.

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Message Attributes

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Disposition Approved on Date:
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